







Focus Occupation: **Chemical Technicians (19-4031)**

Focus occupation: Chemical Technicians				
Employment and Growth	175/ 10.1%			
Ave. Monthly Wage	\$4,546			
Education/Experience	Associate degree			

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Biochemists and Biophysicists (19-1021)	7	n/a	PHD	82
Chemical Engineers  (17-2041)	7	43/ 4.9%	BA	71
Materials Engineers (17-2131)	7	66/ 11.9%	BA	75
Materials Scientists  (19-2032)	6	n/a	BA	84
Chemists  (19-2031)	5	91/ 7.1%	BA	95
Food Scientists and Technologists (19-1012)	4	n/a	BA	72
Geological and Petroleum Technicians  (19-4041)	3	939/ 8.7%	AA	76
Forensic Science Technicians (19-4092)	2	116/ 3.6%	BA	75
Environmental Science and Protection Technicians, Including Health  (19-4091)	1	333/ 6.1%	AA	77

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Biological Technicians  (19-4021)	0	539/ 6.3%	BA	75

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Agricultural and Food Science Technicians (19-4011)	-1	38/ 5.6%	AA	71

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.